

PATENT COOPERATION TREATY

PCT



INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

REC'D 13 APR 2006

WIPO PCT

Applicant's or agent's file reference ecle/MC04A28	FOR FURTHER ACTION		See Form PCT/IPEA/416
International application No. PCT/IT2005/000079	International filing date (day/month/year) 15.02.2005	Priority date (day/month/year) 26.02.2004	
International Patent Classification (IPC) or national classification and IPC INV. H02G3/12 H02G3/08			
Applicant ECLETTIS S.R.L.et al.			
<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of 5 sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input checked="" type="checkbox"/> sent to the applicant and to the International Bureau) a total of 2 sheets, as follows:</p> <p><input checked="" type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>			
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>			
Date of submission of the demand 21.09.2005		Date of completion of this report 12.04.2006	
Name and mailing address of the international preliminary examining authority:  European Patent Office - P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Tx: 31 651 epo nl Fax: +31 70 340 - 3016		Authorized officer Lommel, A Telephone No. +31 70 340-2502 	

**INTERNATIONAL PRELIMINARY REPORT
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International application No.
PCT/IT2005/000079

Box No. I Basis of the report

1. With regard to the **language**, this report is based on
- ☒ the international application in the language in which it was filed
 - ☐ a translation of the international application into , which is the language of a translation furnished for the purposes of:
 - ☐ international search (under Rules 12.3(a) and 23.1(b))
 - ☐ publication of the international application (under Rule 12.4(a))
 - ☐ international preliminary examination (under Rules 55.2(a) and/or 55.3(a))
2. With regard to the **elements*** of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):*

Description, Pages

1-7	as originally filed
2a	filed with telefax on 20.10.2005

Claims, Numbers

2-13	as originally filed
1	filed with telefax on 20.10.2005

Drawings, Sheets

1/5-5/5	as originally filed
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- ☐ a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/figs
 - ☐ the sequence listing (*specify*):
 - ☐ any table(s) related to sequence listing (*specify*):
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages
 - ☐ the claims, Nos.
 - ☐ the drawings, sheets/figs
 - ☐ the sequence listing (*specify*):
 - ☐ any table(s) related to sequence listing (*specify*):

* If item 4 applies, some or all of these sheets may be marked "superseded."

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1-13
	No: Claims	
Inventive step (IS)	Yes: Claims	1-13
	No: Claims	
Industrial applicability (IA)	Yes: Claims	1-13
	No: Claims	

2. Citations and explanations (Rule 70.7):

see separate sheet

Re Item V

**Reasoned statement with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement**

1. Reference is made to the following document:

D1: US 2003/089710 A1 (GATES CLARK H) 15 May 2003 (2003-05-15)

2. INDEPENDENT CLAIM 1

The document D1 is regarded as being the closest prior art to the subject-matter of claim 1, and shows:

Wall flush mount supporting device for electric or electronic components, of the type comprising a wall recessed box, a box-shaped collar, a component-holder plate and a finishing plate frontally applied on the component-holder plate.

The subject-matter of claim 1 differs from this known wall flush mount supporting device for electronic components in that said box-shaped collar is adapted to contain and support said plate with the respective finishing plate so that the external surface of said finishing plate and the external surface of said components do not protrude from the frontal edges of the collar, having a linear and smooth profile, so as to be used - when the device is installed - as reference point for wall scraping, its surface being perfectly flush with the front edges; it being provided that said box-shaped collar adopts means used to fix said collar to the rear box and means used to fix said plate inside the box-shaped collar.

The subject-matter of claim 1 is therefore new (Article 33(2) PCT).

The problem to be solved by the present invention may be regarded as to provide a clean design of a wall flush mount supporting device for electric or electronic components by preventing the front of the components and relevant framing plate from protruding from the installation wall.

The solution to this problem proposed in claim 1 of the present application is considered

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(SEPARATE SHEET)**

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as involving an inventive step (Article 33(3) PCT) for the following reasons:

There is no hint in the prior art for this solution.

3. Claims 2-13 are dependent on claim 1 and as such also meet the requirements of the PCT with respect to novelty and inventive step.

4. The application deals with a wall flush mount supporting device for electric or electronic components, of the type comprising a wall recessed box, which is clearly industrially applicable, therefore, the criteria as set out in Article 33(4) PCT are fulfilled.

Note to be inserted to line 4, page 2 of the description

US patent application publication No. US2003/0089710 A1 describes an electrical box into which a one-piece recessed faceplate is inserted, said faceplate allowing for the adjustment of the distances between the outward surface of the electrical instrumentality installed into the electrical box and the flange positioned at the front of said faceplate.

- 5 Said faceplate comprising a flange which is flush against the front wall and a rear wall connected to each other by means of an interior surface attached to and projecting forward to rear wall which is provided with aperture for the accommodation of said electrical instrumentality the outward surface of which is flush against said aperture.

The back side of said front flange is designed to seat against the mounting surface of box.

- 10 Said front flange can be provided with a sliding cover which covers and completely hides said front flange.

This means that also said cover protrudes from the mounting surface of box.

Furthermore the presence of cover increases the size of the faceplate portion protruding from the mounting surface of box.

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New claim 1

Wall flush mount supporting device for electric or electronic components (C), of the type comprising a wall recessed box (1), a box-shaped collar (2), a component-holder plate (3) and a finishing plate (4) frontally applied on the component-holder plate (3), characterised in that said box-shaped collar (2) is adapted to contain and support said plate (3) with the respective finishing plate (4) so that the external surface of said finishing plate (4) and the external surface of said components (C) do not protrude from the frontal edges (2a) of the collar (2), having a linear and smooth profile, so as to be used - when the device is installed - as reference point for wall scraping, its surface being perfectly flush with the front edges (2a); it being provided that said box-shaped collar (2) adopts means (2c, 6) used to fix said collar to the rear box (1) and means (2e, 8) used to fix said plate (3) inside the box-shaped collar (2).

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